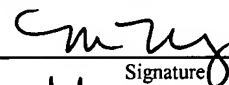


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

1646 \$

Applicants: H. William Harris, Edward M. Brown and Steven C. Hebert  
Application No.: 10/016,496 Group: 1646  
Filed: December 10, 2001 Examiner: Basi, Nirmal Singh  
Confirmation No.: 7764  
For: POLYCATION-SENSING RECEPTOR IN AQUATIC SPECIES  
AND METHODS OF USE THEREOF

CERTIFICATE OF MAILING OR TRANSMISSION	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, or is being facsimile transmitted to the United States Patent and Trademark Office on:	
June 6, 2005	
Date	Signature
Meredith Murray	
Typed or printed name of person signing certificate	

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith is an Amendment for filing in the above-identified application.

- [ ] Small entity status of this application under 37 C.F.R. 1.9 and 1.27 has been established by a Small Entity Statement previously submitted.
- [ ] A Small Entity Statement to establish small entity status under 37 C.F.R. 1.9 and 1.27 is enclosed.

06/09/2005 AKELECH1 00000042 10016496

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450.00 0P

The claims fee has been calculated as shown below:

	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA
TOTAL	8	MINUS	* 20	0
INDEP	8	MINUS	** 10	0
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM				

\* not fewer than 20

\*\* not fewer than 3

## SMALL ENTITY

RATE	ADDIT. FEE
X \$ 25	\$
X \$100	\$
+ \$180	\$

TOTAL= \$ 0

OTHER THAN  
SMALL ENTITY

RATE	ADDIT. FEE
X \$50	\$
X \$200	\$
+ \$360	\$

TOTAL= \$ 0

The Application Size Fee has been calculated as shown below:  
(Effective for cases filed on or after December 8, 2004)

Actual Sheets (Including current amendment)	Highest No. of Sheets Paid For (At least 100)	No. of Additional Units Required (Increments of 50 sheets)

## SMALL ENTITY

Rate	Total Amount Owed
X \$125	\$[ ]

OTHER THAN  
SMALL ENTITY

Rate	Total Amount Owed
X \$250	\$[ ]

Payment  
Sufficient for  
up to

[ ] Sheets

### Petition for Extension of Time

[ X ] Applicant hereby petitions to extend the time to respond to the Office Action dated January 4, 2005 for two months from April 4, 2005 to June 4, 2005. The appropriate fee is set forth below.

[ ] [For action-specific language in an extension of time, go to insert, file, public folders, firm templates, and select the appropriate paragraph.]

**Please charge Deposit Account No. 08-0380 for the following fees:**

<input type="checkbox"/>	Petition for [ ] month Extension of Time	\$ _____
<input type="checkbox"/>	Claims Fee	\$ _____
<input type="checkbox"/>	Application Size Fee	\$ _____
<input type="checkbox"/>	Other Fees:	
	_____	\$ _____
	_____	\$ _____
	<b>TOTAL:</b>	<b>\$ <u>0</u></b>

**A check is enclosed in payment of the following fees:**

<input checked="" type="checkbox"/>	Petition for two month Extension of Time	\$ <u>450</u>
<input type="checkbox"/>	Claims Fee	\$ _____
<input type="checkbox"/>	Application Size Fee	\$ _____
<input type="checkbox"/>	Other Fees:	
	_____	\$ _____
	_____	\$ _____
	<b>TOTAL:</b>	<b>\$ <u>450</u></b>

☒ Please charge any deficiency or credit any overpayment in the fees that may be due in this matter to Deposit Account No. 08-0380. A copy of this letter is enclosed for accounting purposes.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By Kraig K. Anderson  
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Concord, Massachusetts 01742-9133

Dated: June 6, 2005